kojack®

Hydra Jack

Trailer Mate 4 Tonnes Caravan Jack

Part Number: 46HJ-TM4T

User Manual

Meets Australian and New Zealand Standard AS/NZS 2693:2007

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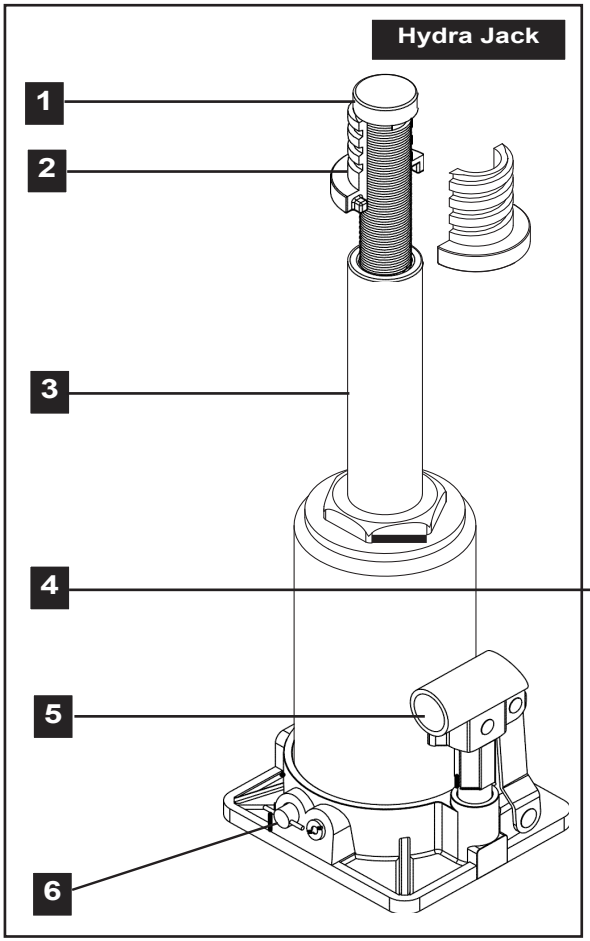
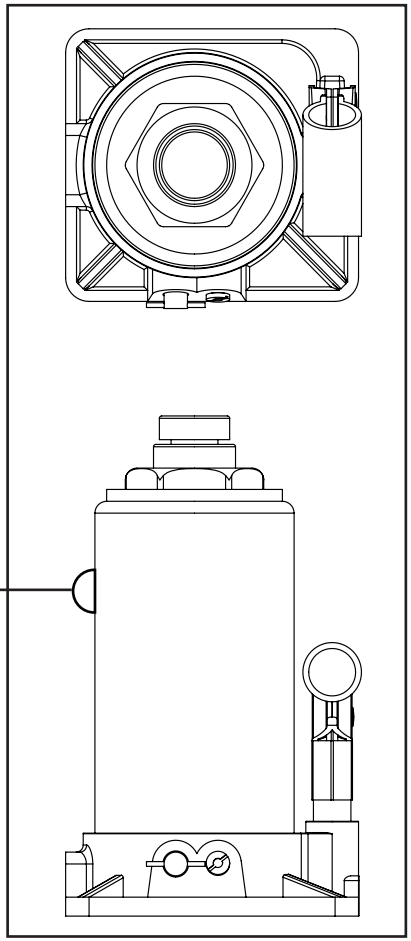
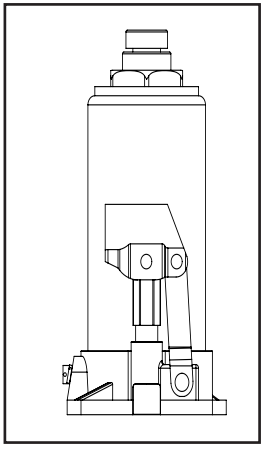
KOJACK HYDRA JACK - TRAILER MATE 4 TONNES

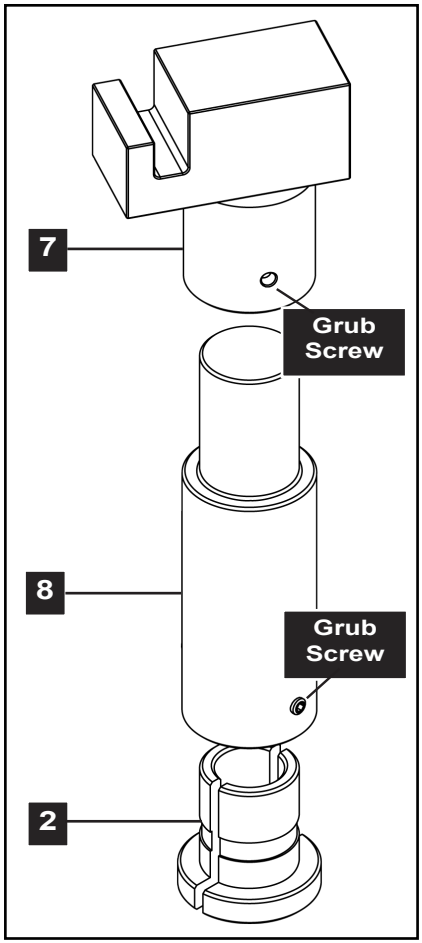


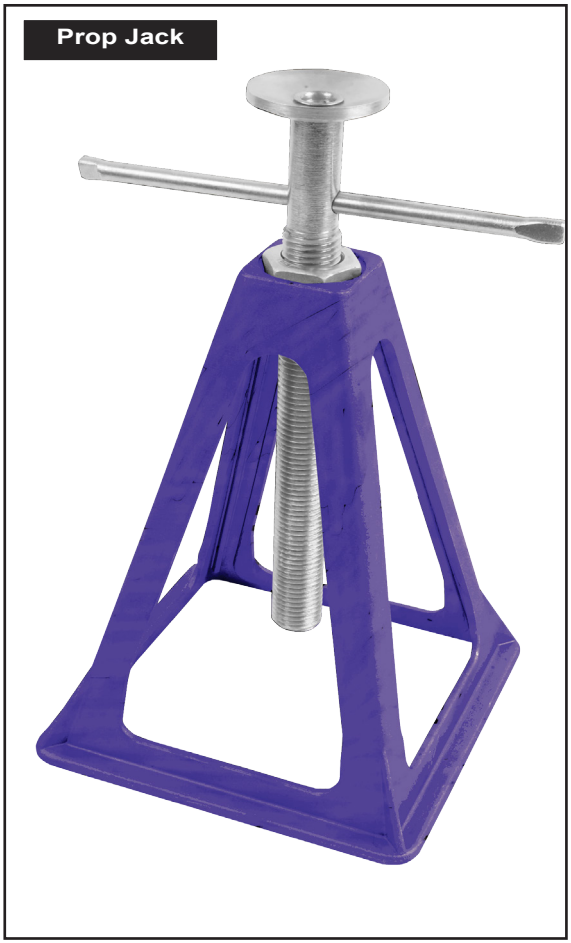


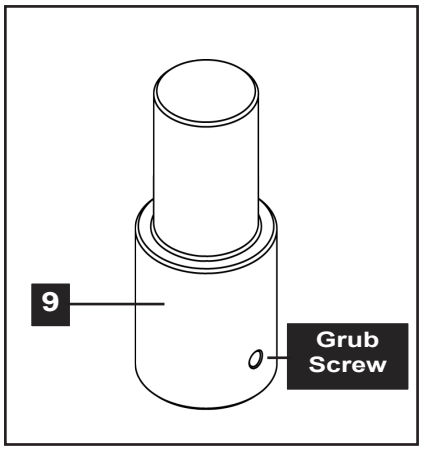
No	Item
1	Cap & Threaded Rod
2	Collar
3	Hydraulic Ram
4	Oil Filler Cap
5	Tube
6	Release Valve
7	Trailer Mate Adapter
8	100mm Extension
9	50mm Extension



KOJACK HYDRA JACK - TRAILER MATE: COMPONENTS







WARNING
READ USER MANUAL CAREFULLY FOR SAFE OPERATION

SPECIFICATIONS

46HJ-TM4T Kojack Hydra Jack - Trailer Mate 4000 KG

- Working Load Limit: 4000 KG
- Minimum Height of Hydra Jack: 214mm
- Maximum Lift Height of Hydra Jack: 430mm
- Minimum Lift Height with Trailer Mate Adapter: 310mm
- Maximum Lift Height with Trailer Mate Adapter: 475mm
- Minimum Height with Trailer Mate Adapter + 50mm Extension 460mm
- Maximum Lift Height with Trailer Mate Adapter + 50mm Extension: 525mm
- Minimum Height with Trailer Mate + 100mm Extension 410mm
- Maximum Lift Height with Trailer Mate + 100mm Extension: 575mm
- Minimum Height with Trailer Mate Adapter + 50 +100mm Extension 460mm
- Maximum Lift Height with Trailer Mate Adapter +50 +100mm Ext: 625mm

Kojack Hydra Jack - Trailer Mate 4T is suitable for lifting most recreational vehicles and trailers fitted with a Trail-A-Mate Engagement Fitting (Trail-A-Mate is a registered trade mark of Seatra International P/L). It does not require the removal of the jockey wheel or interfere with its operation and is a safe jacking system that includes Prop-Jacks to safely hold the vehicle in position whilst removing tyre.

Kojack Hydra Jack, minus the components can also be used to lift most other vehicles up to 4 tonnes in weight.

GENERAL SAFETY

WARNING: Read this User Manual carefully before use to familiarise yourself with the operation of the Kojack Hydra Jack and its components to ensure you are able to operate it in a safe manner.
Failure to heed the following instructions could result in serious injury or damage to property.

- Use only the components supplied.
- Keep and maintain Kojack Hydra Jack and components in good condition.
- Inspect and test Kojack Hydra Jack and components before use, to ensure there are no leaks, loose, bent or missing parts.
- Do not use Kojack Hydra Jack and its components if they are in any way defective.

RECOMMENDED SAFE OPERATING INSTRUCTIONS

- Do not operate Kojack Hydra Jack and its components whilst under the influence of drugs, alcohol or any medication that could impair your ability to use the equipment safely.

RECOMMENDED OPERATING INSTRUCTION *cont.....*

- Consult the vehicle owner's manual prior to using Kojack Hydra Jack and its components.
- The vehicle must be attached to tow vehicle before and when jacking.
- Keep work area clean and free of hazzards.
- Keep children at a safe distance whilst working on vehicle.
- Kojack Hydra Jack should be used on firm, level ground, wherever possible.
- Do not occupy the vehicle whilst lifting or working on it.
- Chock all wheels before using Kojack Hydra Jack to lift the vehicle.
- No person should place any portion of their body under the vehicle, caravan or trailer supported only by the Kojack Hydra Jack.
- After the vehicle is raised to the correct height, secure it by placing the Prop-Jacks under the chassis.

IMPORTANT NOTICE

During shipment and handling, air can becomed trapped in the hydraulic system degrading the performance of the Hydra Jack. This can also occur when changing and topping up hydraulic fluid. To purge air from the system, lower the Hydraulic Ram as far as it will go, place the jack horizontally with the Oil Filler Cap facing upwards and remove the cap, which will allow the air to escape.

OPERATING INSTRUCTIONS

TO LIFT

1. Join the three sections of the Jack Handle together.
2. Unscrew the Cap by turning it anti-clockwise until it is about 5cm above the jack.
3. Fit the two sides of the Collar around the Threaded section under the Cap.
4. Fit the Trailer Mate Adapter over the Collar.
5. Insert the Hex Key into the Grub Screw located on the Trailer Mate Adapter and tighten by turning it clockwise until firm. Repeat for the other Grub Screw.
6. Position Kojack Hydra Jack under the Trailer Mate Engagement Fitting on the vehicle.
7. If able, unscrew the Cap by turning it anti-clockwise until it will no longer turn.
8. Insert the notched end of the Jack Handle into Kojack Hydra Jack Release Valve and rotate clockwise to close the valve.
9. Place the Jack Handle in the Tube mounted on the Kojack Hydra Jack and move the Jack Handle up and down to raise the vehicle.
10. If the jack is unable to lift the vehicle to the desired height, use the Prop-Jacks to secure the vehicle.
11. Insert the Jack Handle into the Release Valve and gently turn anti-clockwise to

lower the vehicle. (Once the Release Valve is sufficiently turned it will release hydraulic fluid allowing the jack to descend - the decent can be controlled by the amount the Release Valve is turned)

12. Insert the Hex Key into one Grub Screw at a time and turn them anti-clockwise sufficiently to release the Trailer Mate Adapter.
13. Fit either the 50mm, 100mm or both Extension Bars over the Collar and tighten the Grub Screws to secure it.
14. Fit the Ball Adapter over the Extension Bar and tighten the Grub Screws to secure it.
15. Repeat steps 8 and 9.
16. Place the Prop-Jacks at an appropriate spot under the chassis of the vehicle suitable for resting and securing the vehicle on the Prop-Jacks.
17. Rotate the Screw Cap of the Prop-Jack anti-clockwise to raise the Cap to the desired resting height of the vehicle.
18. Once the Prop-Jacks are in place lower the vehicle by gently turning the Release Valve anti-clockwise until the vehicle is rested on the Prop-Jacks.
19. Remove Kojack Hydra Jack.

TO LOWER:

20. Position Kojack Hydra Jack as per the set up used to raise the vehicle, under the Trailer Mate Engagement Fitting mount on the vehicle.
21. Repeat Steps 8 and 9.
22. Remove the Prop-Jacks.
23. Insert the Jack Handle into the Release Valve and gently turn anti-clockwise to lower the vehicle.
24. Remove the Kojack Hydra Jack.

AFTER USE AND STORAGE:

- Remove the Extension Bar/s, Trailer Mate Adapter and Collar.
- Ensure the Cap and threaded section is secured in the Hydraulic Ram by turning it clockwise until it will turn no more.
- Ensure the Hydraulic Ram is secure in the Kojack Hydra Jack by pushing it down as far as it will go. (If you have not already opened the Release Valve you will need to do this to lower the Hydraulic Ram)
- Store Kojack Hydra Jack and its components in a dry environment to prevent the components from corroding.
- Store Hydra Jack and its components in a safe place inaccessible to children.

MAINTENANCE

IMPORTANT NOTICE:
When replacing or topping up hydraulic fluid use a high grade hydraulic fluid ISO10-15 or equivalent. Do not use brake fluid, alcohol, glycerin, detergent, motor oil or any other fluid perceived or claimed suitable, as the use of fluids other than the hydraulic fluid recommended will cause serious damage to the internal components rendering it the jack in-operative.

TO ADD HYDRAULIC FLUID:
Open the Release Valve by turning it anti-clockwise and depress the Hydraulic Ram as far as it will go. Please the jack on its side horizontally with the Oil Filler Cap facing upwards and remove the cap. Fill with the recommended hydraulic fluid until the fluid is level with the filler aperture. Prevent any contaminants from mixing with the hydraulic fluid and entering the jack. Replace Oil Filler Cap.

TO CHANGE HYDRAULIC FLUID:
Hydraulic Fluid should be changed every twelve months to maintain the jack in peak performance. To replace the hydraulic fluid remove the Oil Filler Cap, place the jack on its side over a tray or bowl with the oil filler aperture facing downwards and allow the fluid to drain. This may take some time as air must enter to allow the fluid to drain. Dispose of the old hydraulic fluid according to any government regulations that apply. (Note hydraulic fluid is toxic to the environment). Once drained fill the jack with hydraulic fluid as per the instruction on how 'to add hydraulic fluid'

LUBRICATION:
It is prudent to lubricate all pivoting joints on the jack every three months with a light oil.

PREVENTING RUST:
Check the Hydraulic Ram every three months for signs of corrosion If apparent clean with an oily rag until removed. To minimise corrosion ensure the Hydraulic Ram is inserted all the way in the jack when not in use.

GENERAL CARE AND MAINTENANCE:
Do not totally unscrew or remove the Release Valve.

DISCLAIMER

When **Kojack Hydra Jack - Trailer Mate 4 Tonne** and its Components are maintained and used correctly they are an effective and simple means to raise a Caravan. However, Purple Line will not warrant or accept any liability for improper fitment, use or misuse, lack of maintenance and unauthorised modification or repair of the **Kojack Hydra**

DISCLAIMER *cont.....*

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INSTRUCTIONS

The **Kojack Hydra Jack - Trailer Mate 4T** and Components (Goods) are guaranteed for 12 months from date of purchase and subject to Australian Consumer Law.

Purple Line:	Warrants **Kojack Hydra Jack - Trailer Mate 4 Tonnes and Components** are supplied free of defects.
Refund:	The Goods will be refunded if not fit for purpose.
Replaced:	The Goods will be replaced if defects were apparent upon purchase or a major failure occurs, which cannot be repaired.
Repair:	The Goods will be repaired in the event of failure. Goods presented for repair may be repaired or replaced with refurbished goods or parts of a similar type.
Contacts:	To make a warranty claim first contact the retailer the Goods were purchased from and if purchased online Purple Line http://www.purpleline.com.au/contact/php

to register your purchase go to www.purpleline.com.au/product-registration.php

purpleline®

design...innovate...improve

5/238 Governor Road, Braeside, VIC 3195

+61 (3) 9588 2959

enquiries@purpleline.com.au

www.purpleline.com.au